

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of forming an anti-microbial wiper capable of providing a liquid anti-microbial solution after multiple rinse cycles, the method comprising the steps of:

providing a controlled release anti-microbial formulation comprising an anti-microbial agent and a ~~cross-linked polymer that comprises at least one compound~~ selected from the group consisting of acrylate[[s]] polymers, styrene butadiene polymers, vinyl chloride[[s]] polymers, methacrylate[[s]] polymers, acrylic[[s]] polymers, ~~carboxylated acrylic latexes~~, vinyl acetate[[s]] polymers, and mixtures thereof, wherein said polymer is cross-linkable; and

adhering said formulation to an absorbent web containing fibers; and
cross-linking said polymer;

wherein said, which web retains liquid after each rinse cycle, and wherein said ~~which~~ formulation releases sufficient anti-microbial agent into the retained liquid after each of at least five normal rinse cycles so that the retained liquid is an anti-microbial solution and said retained liquid is capable of disinfecting a hard surface that is wiped with said anti-microbial wiper.

2. (Cancelled)

3. (Previously Presented) A method as defined in claim 1, wherein said cross-linked polymer is capable of swelling upon exposure to water such that the degree of swelling of said cross-linked polymer at least partially controls said release of said anti-